Figure 1
Power Line Network
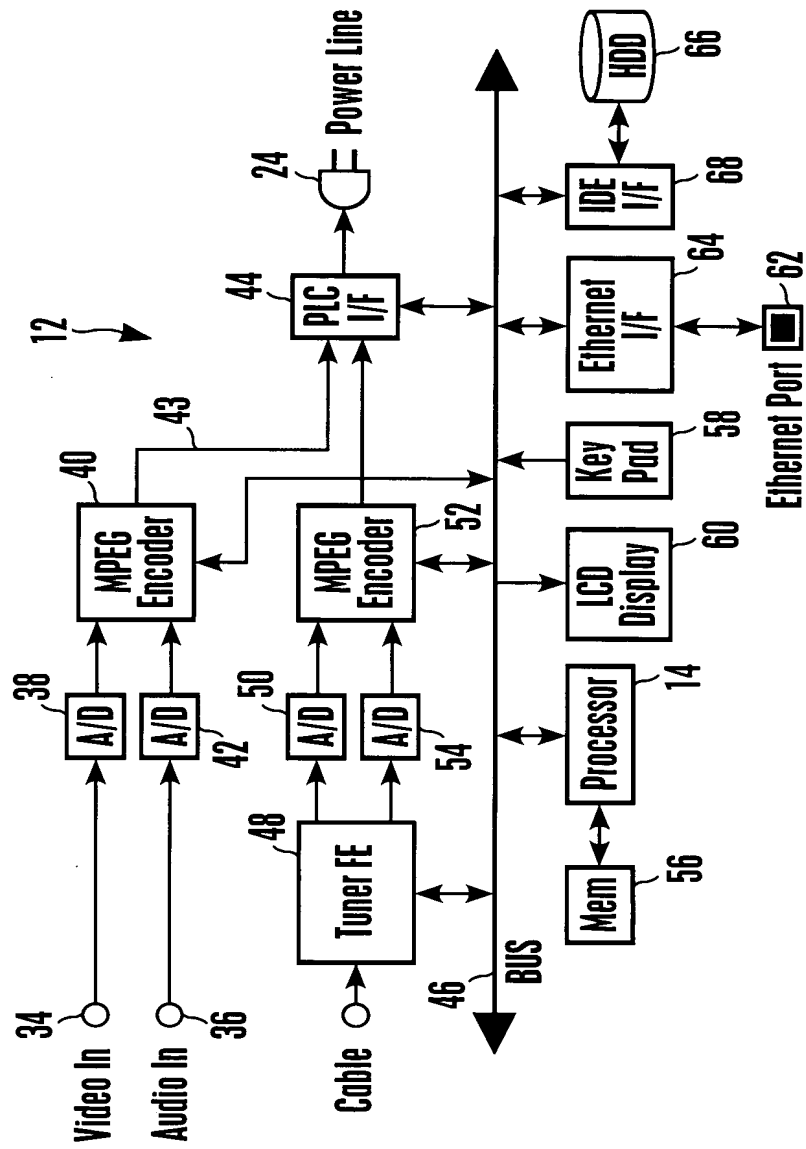
Figure 2

Server Block Diagram
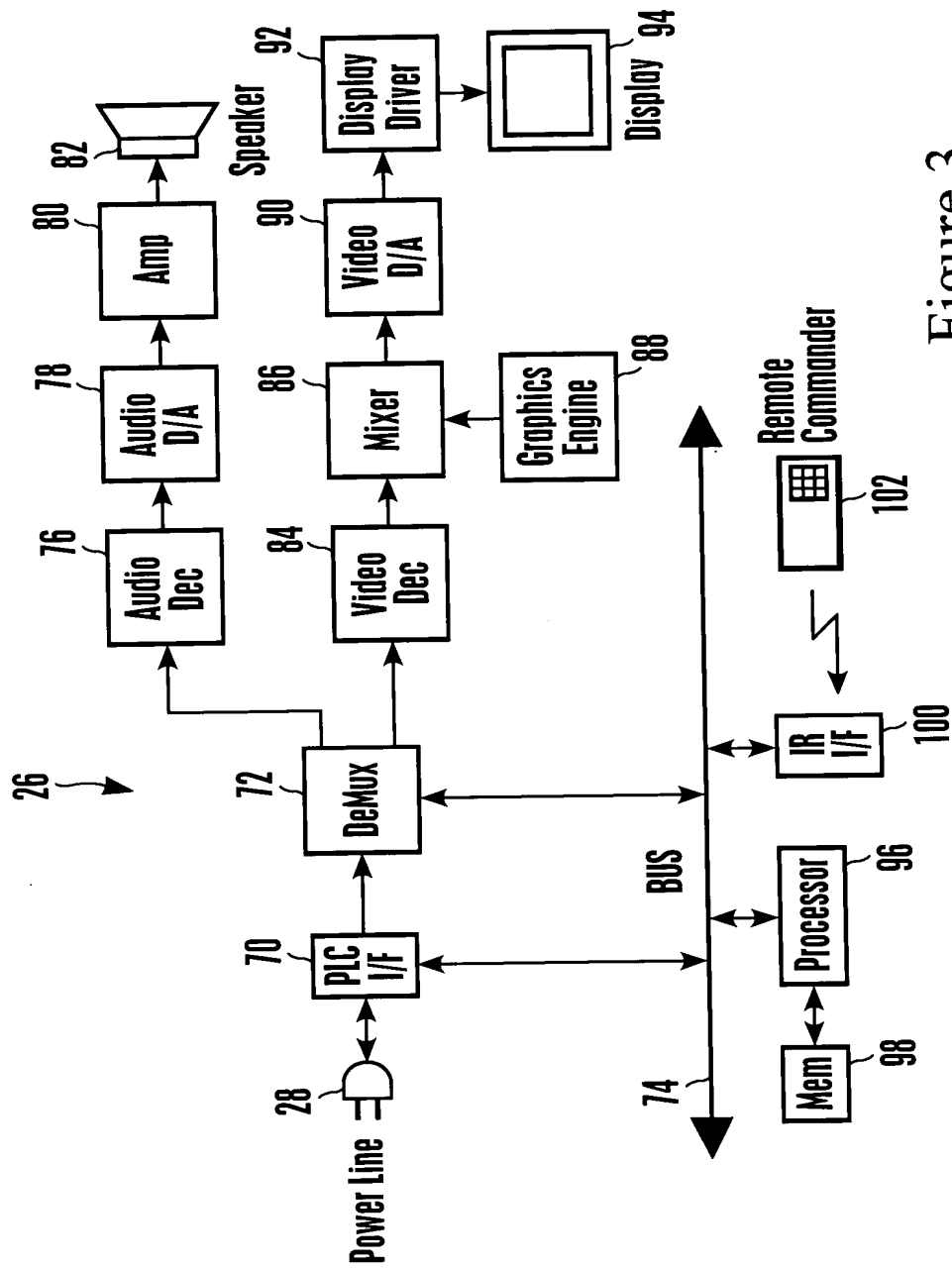
Power Line

28

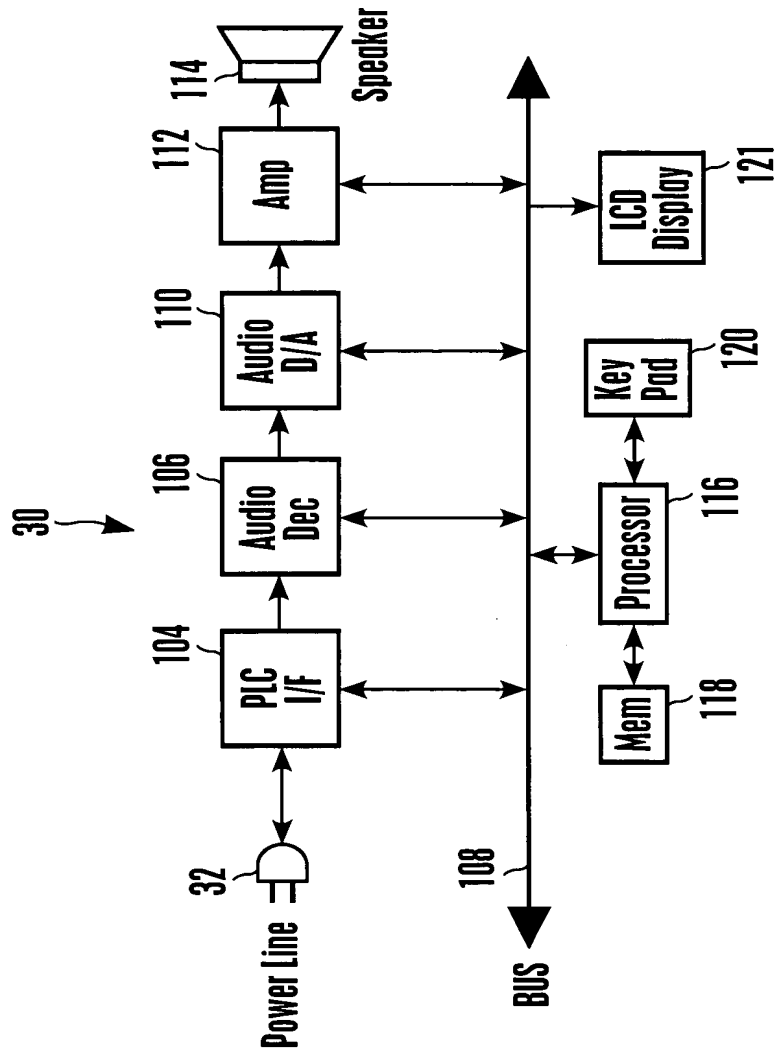70 PLC I/F

26

72 DeMux

76 Audio Dec

78 Audio D/A

80 Amp

82

Speaker

84 Video Dec

86 Mixer

88 Graphics Engine

90 Video D/A

92 Display Driver

94 Display

74 BUS

100 IR I/F

Remote Commander

102

96 Processor

98 Mem

Figure 3

Client TV

Figure 4

Client Audio System

Figure 5
PLC Interface

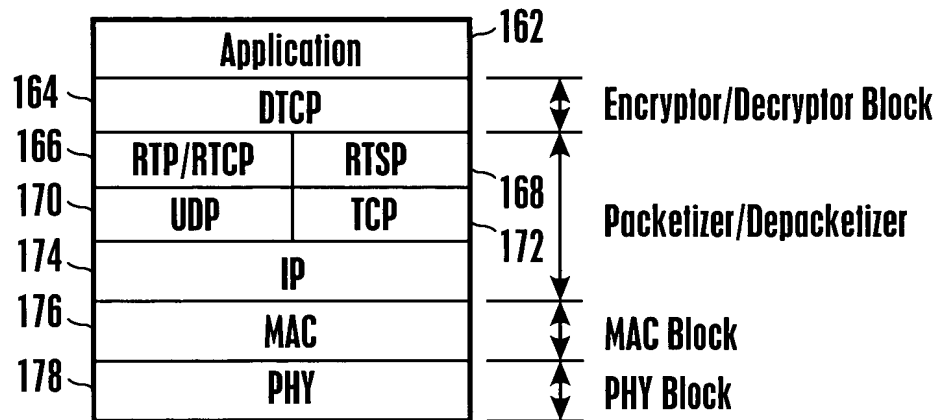|		
Application		162
DTCP		Encryptor/Decryptor Block
RTP/RTCP	**RTSP**	
UDP	**TCP**	Packetizer/Depacketizer
IP		
MAC		MAC Block
PHY		PHY Block

164 — DTCP
166 — RTP/RTCP
170 — UDP
174 — IP
176 — MAC
178 — PHY
168
172

Figure 6
Protocol Stack